This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (original): An optical unit comprising:

a light amount adjustment unit having an optical member which receives a light beam from an object, a light amount adjustment mechanism to adjust a light amount of the light beam received by the optical member, a light amount adjustment actuator unit which drives the light amount adjustment mechanism, and a first case which accommodates the optical member, the light amount adjustment mechanism, and the light amount adjustment actuator unit; and

a lens unit having a lens group which is movably arranged to obtain a predetermined object image from the light beam whose light amount is adjusted by the light amount adjustment mechanism, a lens driving actuator unit which drives the lens group, and a second case which accommodates the lens group and the lens driving actuator unit,

wherein the light amount adjustment unit and lens unit can detachably be coupled through coupling means provided between the first case and the second case.

Claim 2 (original): A unit according to claim 1, wherein

the light amount adjustment actuator unit is arranged adjacent to one side of the optical member.

Claim 3 (original): A unit according to claim 1, wherein the optical member includes a reflecting optical member which deflects the light beam incident from the object.

Claim 4 (original): A unit according to claim 2, wherein the optical member includes a reflecting optical member which deflects the light beam incident from the object.

Claim 5 (original): A unit according to claim 4, wherein the light amount adjustment mechanism is arranged in the light amount adjustment unit on a coupling surface to the lens unit.

Claim 6 (original): A unit according to claim 1, wherein in a state wherein the light amount adjustment unit and the lens unit are integrally coupled, the light amount adjustment actuator unit and the lens driving actuator unit are arranged along a linear region that is substantially parallel to a direction of an optical axis of the lens group.

Claim 7 (original): A unit according to claim 4, wherein in a state wherein the light amount adjustment unit and the lens unit are integrally coupled, the light amount adjustment actuator unit and the lens driving actuator unit

are arranged along a linear region that is substantially parallel to a direction of an optical axis of the lens group.

Claim 8 (original): A unit according to claim 1, wherein the second case has, at a coupling portion to be coupled to the first case, positioning members to position the optical member accommodated in the first case.

Claim 9 (original): A unit according to claim 6, wherein the second case has, at a coupling portion to be coupled to the first case, a positioning member to position the optical member accommodated in the first case.

Claim 10 (original): A unit according to claim 8, wherein the positioning member provided in the second case also serves as a positioning member between the cases to position the first case and the second case.

Claim 11 (original): A unit according to claim 10, wherein the positioning member comprises a projecting portion which projects along a direction of an optical axis, the first case has an insertion portion which receives the projecting portion, and the optical member has an engaging portion which engages with the projecting portion inserted into the insertion portion.

Claim 12 (original): An optical unit comprising:

a light amount adjustment unit having an optical member which receives a light beam from an object, a light amount adjustment mechanism to adjust a light amount of the light beam received by the optical member, and a first case which accommodates the optical member and the light amount adjustment mechanism;

a lens unit having a lens group which is movably arranged to obtain an object image from the light beam whose light amount is adjusted by the light amount adjustment mechanism, and a second case which accommodates the lens group;

coupling portion, arranged between the first case and the second case, for detachably coupling the light amount adjustment unit and the lens unit; and

a positioning member arranged at a coupling portion of the second case so as to position the optical member accommodated in the first case when the first case and the second case are coupled by the coupling portion.

Claim 13 (original): An electronic camera having an optical unit of claim 1.

Claim 14 (original): An electronic camera having an optical unit of claim 4.

Claim 15 (original): An electronic camera having an optical unit of claim 6.

Claim 16 (original): An electronic camera having an optical unit of claim 9.

Claim 17 (original): An electronic camera having an optical unit of claim 12.

Claims 18-69 (canceled)